



Missouri
Department of
Natural Resources

Use Attainability Analysis Web Conference

A decorative horizontal bar spanning the width of the slide. It features a yellow-to-white gradient on the left, a central section with a pattern of autumn leaves in shades of yellow, orange, and brown, and a right section with a blue and white pattern resembling water or a sky. An orange vertical rectangle is positioned on the left side of the bar.

July 19, 2005

Use Attainability Analysis

Field Procedure and Reporting





Water Contact Uses

Whole Body Contact Recreation (Primary)

Complete Body Submergence

Accidental Ingestion Likely

Boating and Canoeing (Secondary)

Incidental Contact

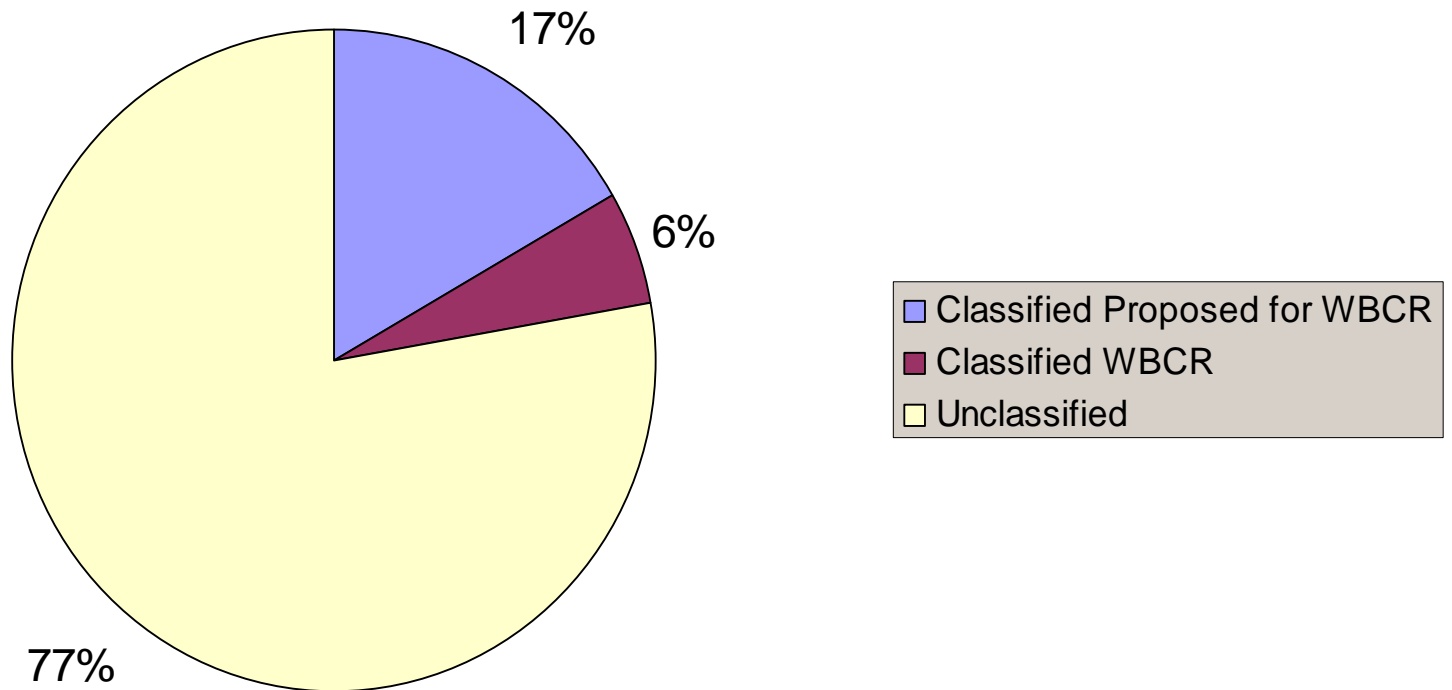
Ingestion Unlikely

Classified Water Bodies in MO

10 CSR 20-7.031 Tables G & H:

Designated Use	Segments		Acres/Miles		
	Total	Percentage	Total		Percentage
All lakes	455		293,257.8	ac.	
WBCR lakes	147	32.3%	262,517.0	ac.	89.5%
Other lakes	308	67.7%	30,740.8	ac.	10.5%
All streams	3751		22,217.8	mi.	
WBCR streams	285	7.6%	5,531.5	mi.	24.9%
Other streams	3466	92.4%	16,686.3	mi.	75.1%
All in Tables G & H	4206				
WBCR waters	432	10.3%			
Other Waters	3774	89.7%			

All Waters of the State - Stream Miles





Criterion 2

Natural, ephemeral, intermittent, or low flow conditions or water levels prevent the attainment of the use...



Applying Criterion 2 to WBCR

- The use is unattainable due to shallow depth, and
- Evidence shows no existing use.



Depth Criteria

- Deepest portion at least 1 meter, or
- Overall average depth at least $1/2$ meter



Waters Targeted for UAAs

- 554 Streams - approx. 2770 miles
- Mostly Class C Streams
 - 110 Streams Receiving Effluent from POTWs
 - 223 Streams Receiving Effluent from Private WWTSs
 - 221 Streams Receiving NPS Runoff from Livestock Operations

List of Targeted Water Bodies for Recreational Use Attainability Analysis

State of Missouri
Department of Natural Resources
Water Protection and Soil Conservation Division
Water Protection Program

UAA Progress	Number of Facilities per Regional Office					Total
	KCRO	NERO	SERO	SLRO	SWRO	
WWTF/water bodies with completed UAAs	33	0	4	9	0	46
WWTF/water bodies slated to be investigated	58	135	34	26	10	263
Second Priority [emphasis of UAA work]	20	20	47	40	9	136
Terminated facilities since Fall 2003	4	7	5	3	1	20
Others not listed as a priority at this time	110	105	106	89	36	446
Total domestic discharges to waters proposed as WBCR	225	267	196	167	56	911

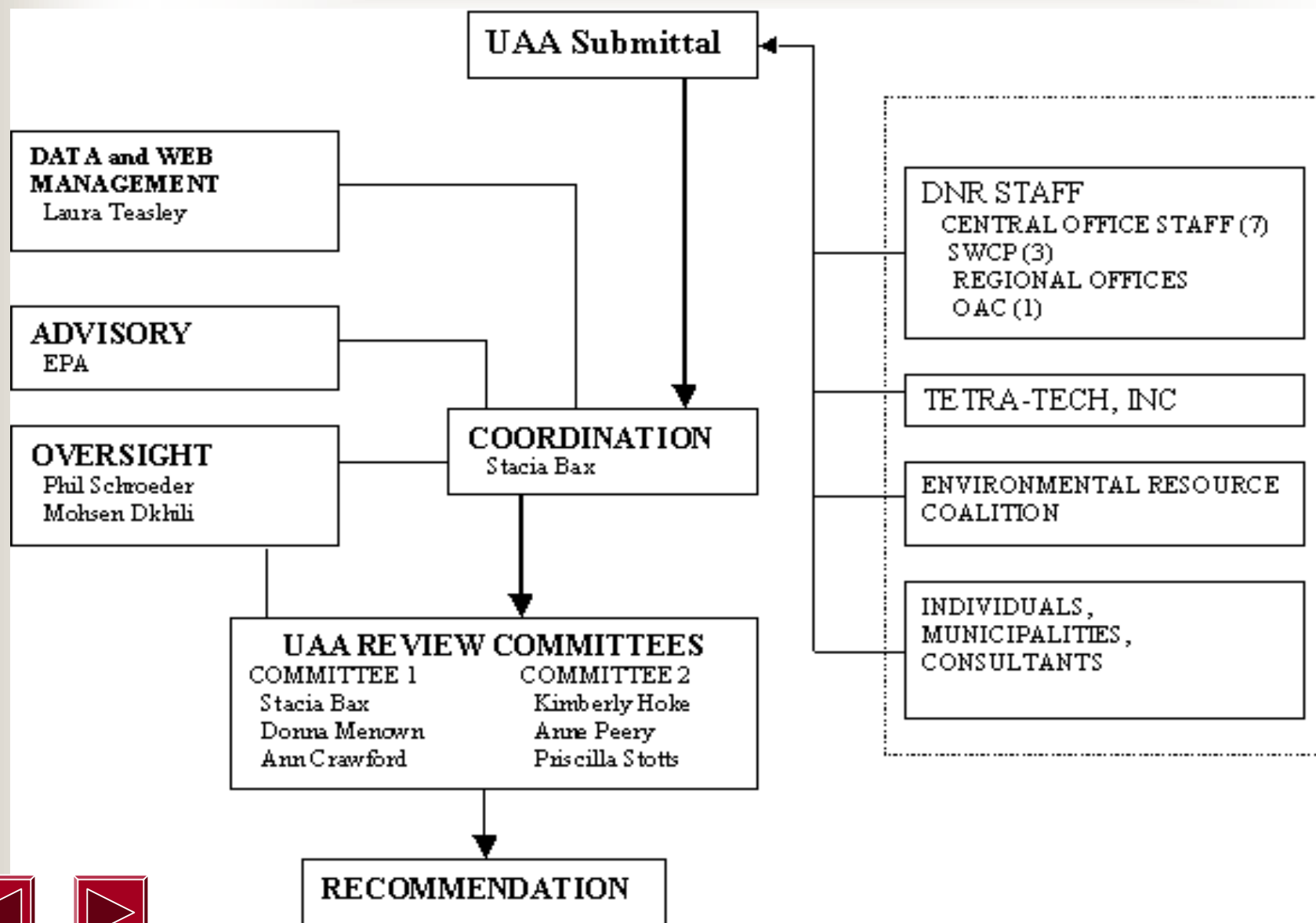
Legend Key

Reviewer	Status of UAA work or person/group conducting study.
County	County where facility is located.
Region	MDNR regional office where facility is located.
Permit #	Operating permit number of the facility listed.
Facility Name	Facility name.
WBID#	Specific identification number of classified water body.
Water Body Name	Name of classified water body.
WB Class	Classification of water body.
HUC 8 #	USGS watershed identification number.

Reviewer	County	Region	Permit #	Facility Name	WBID#	Water Body Name	WB Class	HUC 8 #
TT 2nd Priority	CASS	KCR	MO0101796	OASIS MHP	3310	W. FK. EAST CR.	C	10290108
TT 2nd Priority	CASS	KCR	MO0113450	OLSON ACRES	3310	W. FK. EAST CR.	C	10290108
	CASS	KCR	MO0118214	SNEADS BARBEQUE	3311	MILL CR.	C	10300101
TT 2nd Priority	CASS	KCR	MO0109282	CASS CO MIDWY R-I SCH DIS	3313	PONEY CR.	C	10290108
Tetratech	CEDAR	SWR	MO0055280	STOCKTON WWTP	1361	STOCKTON BR.	C	10290106
Tetratech	CHARITON	NER	MO0094714	MENDON WWTF	0596	HICKORY BR.	C	10280103
	CHARITON	NER	MO0048640	KEYTESVILLE WWTF	0670	MUSSEL FORK CR.	P	10280202
Second Priority	CHARITON	NER	MO0088510	LAKE NEHA TONKAYEA WWTF	0670	MUSSEL FORK CR.	P	10280202
	CHARITON	NER	MO0087874	SALISBURY, CIRCLEVIEW SUB	0691	M. FK. CHARITON R.	P	10280203
	CHARITON	NER	MO0025313	SALISBURY N 6 ACRE LAGOON	7170	SALISBURY CITY LAKE	L3	10280203
Second Priority	CLARK	NER	MO0083747	RUNNING FOX SCHOOL	0037	FOX R.	P1	7110001
	CLARK	NER	MO0063457	WAYLAND WWTF	0038	FOX R.	P	7110001
Second Priority	CLARK	NER	MO0115126	BALDWIN MOBILE HOME PARK	0038	FOX R.	P	7110001
	CLAY	KCR	MO0055204	SMITHVILLE WWTF	0315	L. PLATTE R.	P	10240012
	CLAY	KCR	MO0025011	KC, NORTHLAND MHP STP	0319	WILKERSON CR.	C	10240012
	CLAY	KCR	MO0028843	EXCELSIOR SPRINGS WWTF	0383	FISHING R.	P	10300101
Tetratech	CLAY	KCR	MO0107883	KEARNEY SBR WWTF	0383	FISHING R.	P	10300101
Submitted	CLAY	KCR	MO0109002	HOLT WASTEWATER LAGOON	0391	MUDDY FK.	C	10300101
	CLAY	KCR	MO0120090	JJ CAMPGROUND	0391	MUDDY FK.	C	10300101
Submitted	CLAY	KCR	MO0048313	KC, FISHING RIVER WWTP	0394	FISHING R.	C	10300101
Second Priority	CLAY	KCR	MO0085855	LIBERTY VILLAGE MHP	3321	HOLMES CR.	C	10300101
Second Priority	CLAY	KCR	MO0119148	PLATTE CLAY/HOLMES CR HIL	3321	HOLMES CR.	C	10300101
	CLAY	KCR	MO0090778	LIBERTY, BOWLES ADDITION	3322	RUSH CR.	P	10300101
	CLAY	KCR	MO0113883	LIBERTY, UPPER RUSH CK WW	3322	RUSH CR.	P	10300101
TT 2nd Priority	CLAY	KCR	MO0120006	FOX RUN	3323	ROCK CR.	C	10300101
TT 2nd Priority	CLAY	KCR	MO0124931	CENTRAL RIVERS-WILMAR EST	3323	ROCK CR.	C	10300101
Submitted	CLAY	KCR	MO0048305	KC, ROCKY BRANCH STP	3326	ROCKY BR.	C	10240012
	CLINTON	KCR	MO0113751	TRIMBLE WWTF	0320	DICKS CR.	C	10240012
TT 2nd Priority	CLINTON	KCR	MO0117447	CENTENNIAL ACRES WWTF	0321	GROVE CR.	C	10240012
TT 2nd Priority	CLINTON	KCR	MO0123099	TIMBER SPRINGS EST WWTF	0321	GROVE CR.	C	10240012
	CLINTON	KCR	MO0099287	GOWER WWTP	0322	CASTILE CR.	C	10240012
Tetratech	CLINTON	KCR	MO0108880	STEWARTSVILLE WW LAGOON	0322	CASTILE CR.	C	10240012
Second Priority	CLINTON	KCR	MO0117897	AIRY ACRES MOBILE HOME CT	0322	CASTILE CR.	C	10240012
	CLINTON	KCR	MO0121843	CLINTON CARE & REHAB CNTR	0352	L. PLATTE R.	C	10240012
	CLINTON	KCR	MO0120740	POUR BOY OIL COMPANY #7	0391	MUDDY FK.	C	10300101
	CLINTON	KCR	MO0121185	GLOBAL FIREWORKS, INC	0528	SHOAL CR.	C	10280101
	CLINTON	KCR	MO0121347	MDNR, WALLACE STATE PARK	0528	SHOAL CR.	C	10280101
	COLE	NER	MO0044300	ALGOA REGIONAL WWTF	0701	MISSOURI R.	P	10300102
TF	COLE	NER	MO0121291	MO NAT GUARD, CENTERTOWN	0820	ROCK CR.	C	10300102
	COLE	NER	MO0097659	MDOC, CENTRAL MO CORR CNT	0823	WORKMAN CR.	P	10300102
TF	COLE	NER	MO0105490	AQUASOURCE, BRIAR VILLAGE	0825	GRAYS CR.	P	10300102

Questions?







Field Preparation

- Water body identification.
- Pre-survey meeting with MDNR
 - Correct water body?
 - Water body identification number.
 - Watershed information.
- Recreational season.
- Base flow conditions.



Field Preparation *cont...*

- Points of observation
 - Minimum of three (3).
 - Publicly accessible points.
 - Classified water bodies.
 - Sub-segmentation of water body.



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

RECEIVED

2005 MAY 23 PM 2:59

WATER PROTECTION PROGRAM

Water Body Name: (from USGS 7.5' quad)	WALNUT CREEK (181-186)		
8-digit HUC:	10300104		
Missouri WBID #:	0937		
County:	JOHNSON COUNTY		
Upstream Legal Description:			
Downstream Legal Description:			
Upstream Coordinates: (UGS 84, ddd.ddddd)	N38.77821	W093.52146	headwaters
Downstream Coordinates: (UGS 84, ddd.ddddd)	N39.90335	W093.56630	near mouth
Discharger Facility Name(s):	COUNTRY ACRES HOMEOWNERS/RAINBOW ACRES SUBDIVISION		
Discharger Permit Number(s):			
Number of Sites Evaluated:	6		
Name of Surveyor and Telephone Number:	CARL BARBOUR, 410-356-8993		
Organization:	TETRA TECH INC.		
Position:	ASSOCIATE SCIENTIST		

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Carl E. Barbour Date: 04/21/05

Field Data Sheets for Recreational Use Stream Surveys

RECEIVED

Data Sheet B - Site Characterization

2005 MAY 23 PM 2:59

(A separate data sheet must be completed for each site) WATER PROTECTION PROGRAM

Missouri WBID #: <u>183</u>	Site Location Description: <u>NE 700th Rd Overpass</u>	
Site GPS Coordinates: <u>N 38.85779 W 093.56342</u>	Facility Name: <u>Country Acres Homeowners/Rainbow Acres Subdivision</u>	
Date & Time: <u>4-21-2005 1135 AM</u>	Permit Number:	
Personnel: <u>CB, ELY</u>	Weather Conditions for Past 7 days:	
Current Weather Conditions: <u>Partly Cloudy 70°</u>		
Photo Ids: Upstream: <u>1799A</u> 035	Downstream: <u>1760A</u> 036	Other:

Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)
Downstream pool w/a max depth of 0.52m. Just downstream of the x site there is a pipeline running under the stream.

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 183 :

Stream Morphology:

Upstream View Physical Dimensions: in meters: 0.02, 0.08, 0.16, 0.16, 0.18

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): <u>7.6 m</u>	Length (ft): <u>20 m</u>	Avg. Depth (ft): <u>0.12 m</u>	Max. Depth (ft): <u>0.18</u>
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>3 m</u> Estimated (ft ³ /sec): <u>15s / 3m = 0.20 m/s</u>	

15s, 14s, 16s

Downstream View Physical Dimensions: in meters: 0.09, 0.14, 0.26, 0.26, 0.08

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): <u>4.4 m</u>	Length (ft): <u>20 m</u>	Avg. Depth (ft): <u>0.16 m</u>	Max. Depth (ft): <u>0.26 m</u>
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>3 m</u> Estimated (ft ³ /sec): <u>27.3s / 3m = 0.11 m/s</u>	

29s, 27s, 26s

Substrate*: (These values should add up to 100%.)

20	% Cobble	0	% Gravel	60	% Sand	10	% Silt	10	% Mud/Clay	0	% Bedrock
----	----------	---	----------	----	--------	----	--------	----	------------	---	-----------

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

ALGAE THROUGHOUT.

Water Characteristics*: (Mark all that apply.)

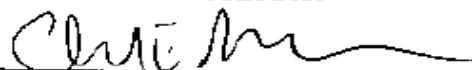
Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

Comments: Please attach additional comments (including information from interviews) to this form.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:



Date:

04/21/05

Organization:

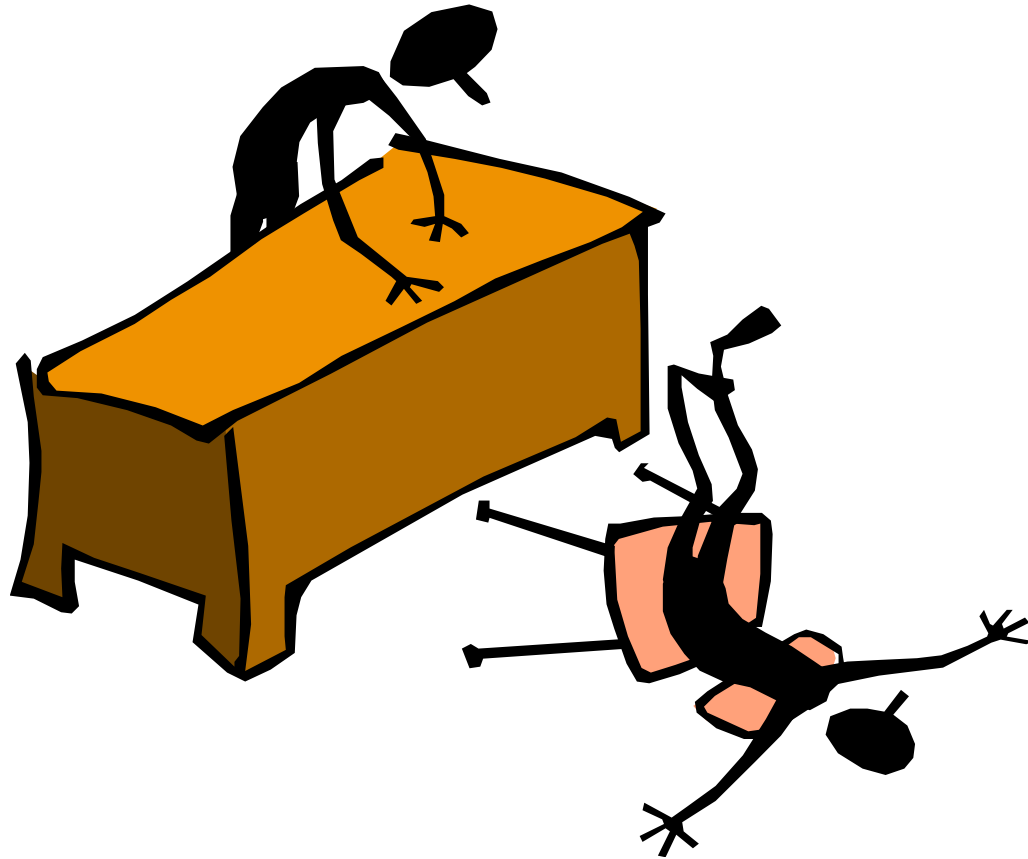
TETRA TECH INC.

Position:

AQUATIC SCOUTS

E2ly 4-21-05

Questions?







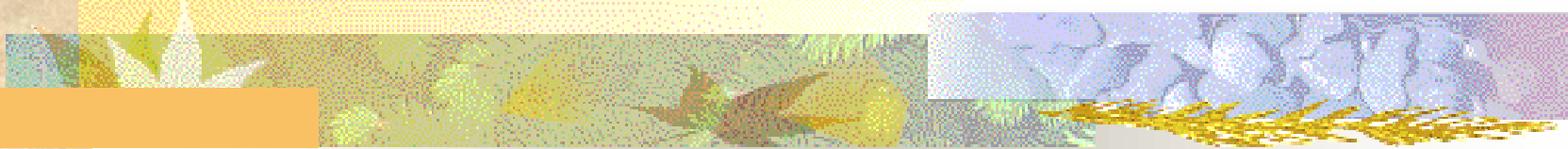


Evidence of Use













Interviews

- Recreational users, landowners, and local residents
- Location and extent of use
- History of use - season and frequency
- Reasons for use (or no use)
- Any illnesses related to use?
- Interviews are recorded



Submittal and Review of UAA

- Two copies and all supporting information
- MDNR staff (Internal Review Committee) reviews and makes recommendation
- May require clarification if survey is not conclusive (changes must be made by author)

Results of Internal Review Committee

<u>UAA Identification #:</u>	0189		
<u>Date of Report:</u>	June 27, 2005		
<u>Water Body Under Evaluation:</u>			
Identification #:	0937		
Name:	Walnut Creek (C)		
Length of Segment:	11.0 miles		
County (ies):	Johnson		
<u>Submitter of UAA:</u>	Tetra Tech, Inc		
<u>Date Received:</u>	May 23, 2005		
<u>Use Evaluated:</u>	Whole Body Contact Recreation		
<u>UAA Completeness Check:</u>			
All Required Information Included?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Correct Forms Used?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Forms Signed and Dated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Comments:			
<u>Removal Criteria Evaluated:</u>	<input type="checkbox"/> 1-Natural Pollutant Sources. <input checked="" type="checkbox"/> 2-Natural, Ephemeral, Intermittent or Low-Flow Condition. <input type="checkbox"/> 3-Non-Remedial, Human Caused Condition. <input type="checkbox"/> 4-Hydrologic Modifications. <input type="checkbox"/> 5-Natural Physical Features. <input type="checkbox"/> 6-Substantial, Widespread Social and Economic Impact.		
<u>Use Determination & Recommendation:</u>			
Has the use existed since November 28, 1975?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unk
Comments:			
Is the evaluated use attainable?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Comments:	UAA survey occurred in April 2005 and no uses were observed. The stream met the maximum depth at one out of five sites and average depth criterion at one out of five sites (same site). Interviews of two individuals at different sites indicated that the stream was not used for recreational purposes. Because of the overall depth and the interviews there is not enough evidence to retain the whole body contact designation.		
Committee Recommendation:	<input type="checkbox"/> Retain Use	<input type="checkbox"/> Modify Use	<input checked="" type="checkbox"/> Remove Use
<u>Committee Members:</u>	Stacia Bax, Ann Crawford, Donna Menown		



Internal Review *cont...*

UAA Identification #: 0189

Date of Report: June 27, 2005

Water Body Under Evaluation:

Identification #: 0937

Name: Walnut Creek (C)

Length of Segment: 11.0 miles

County (ies): Johnson

Submitter of UAA: Tetra Tech, Inc

Date Received: May 23, 2005

Use Evaluated: Whole Body Contact Recreation

Internal Review *cont...*

UAA Completeness Check:

All Required Information Included?

☒ Yes

☐ No

Correct Forms Used?

☒ Yes

☐ No

Forms Signed and Dated?

☒ Yes

☐ No

Comments:

Removal Criteria Evaluated:

☐ 1-Natural Pollutant Sources.

☒ 2-Natural, Ephemeral, Intermittent or Low-Flow Condition.

☐ 3-Non-Remedial, Human Caused Condition.

☐ 4-Hydrologic Modifications.

☐ 5-Natural Physical Features.

☐ 6-Substantial, Widespread Social and Economic Impact.



Internal Review *cont...*

Use Determination & Recommendation:

Has the use existed since November 28, 1975?

☐ Yes ☐ No ☒ Unknown

Comments:

Is the evaluated use attainable?

☐ Yes ☒ No

Comments: UAA survey occurred in April 2005 and no uses were observed. The stream met the maximum depth at one out of five sites and average depth criterion at one out of five sites (same site). Interviews of two individuals at different sites indicated that the stream was not used for recreational purposes. Because of the overall depth and the interviews there is not enough evidence to retain the whole body contact designation.

Committee Recommendation: ☐ Retain Use ☐ Modify Use ☒ Remove Use

Committee Members:

Stacia Bax, Ann Crawford, Donna Menown

Questions?





Missouri Department of Natural Resources

Water Protection and Soil Conservation Division



Use Attainability Analysis

Upcoming revisions to the Missouri Water Quality Standards will require that over 22,000 miles of classified streams and over 293,000 acres of classified lakes be protected for swimming and other recreational uses, wherever attainable. This national initiative is commonly referred to as the 'fishable/swimmable' goal.

Owners or operators of wastewater treatment systems will be required to disinfect effluent, unless it can be shown, through (1) an evaluation that disinfection is not required in order to meet bacteria standards in the classified stream or (2) a Use Attainability Analysis (UAA) that the classified stream below the facility cannot support swimming.

Anyone may perform a UAA and submit it to the department for review. **Performing a UAA** will help determine whether or not disinfection will be necessary at a facility.

[Recreational Use Attainability Analysis Protocol PDF](#)

[UAA Online Seminar \(archive\)](#)

[STREAMGRAM sent to Stream Teams about UAAs PDF](#)

Listing of Targeted Water Bodies for Use Attainability Analysis

[Water Bodies Receiving Permitted Discharges](#) -- Sorted by County **PDF**

[Water Bodies Receiving Permitted Discharges](#) -- Sorted by Facility Permit Number **PDF**

[Water Bodies Potentially Affected by Nonpoint Sources](#) -- Sorted by County **PDF**

[View Completed UAAs listed by County \(7/1/05\)](#)

Quality Assurance Project Plans (QAPPs)

[Tetra Tech, Inc.](#)

[Tetra Tech, Inc. - Target Stream/Facility List](#)

[Environmental Resource Coalition](#)



Missouri Department of **Natural Resources**

Water Protection and Soil Conservation Division



Listing of Targeted Water Bodies for Use Attainability Analysis

[Water Bodies Receiving Permitted Discharges](#) -- Sorted by County **PDF**

[Water Bodies Receiving Permitted Discharges](#) -- Sorted by Facility Permit Number **PDF**

[Water Bodies Potentially Affected by Nonpoint Sources](#) -- Sorted by County **PDF**

[View Completed UAAs listed by County \(7/1/05\)](#)



Use Attainability Analysis

The Use Attainability Analysis is an ongoing process and in varying stages in Missouri. As a result, the number of waters with completed UAAs will vary from county to county. Click on a county name below to view a list of water bodies in that county. Click on the counties with a date beside them to view completed UAAs .

[Adair](#)[Andrew](#)[Atchison](#)[Audrain](#)[Barry](#)[Barton](#)[Bates](#)[Benton](#)[Bollinger](#)[Boone](#) (7/1/05)[Buchanan](#) (6/13/05)[Butler](#)[Caldwell](#) (6/13/05)[Callaway](#) (7/1/05)[Camden](#)[Cape Girardeau](#)[Carroll](#)

Carter

[Cass](#) (7/1/05)[Cedar](#)[Chariton](#)

Christian

[Clark](#)[Clay](#) (6/29/05)[Clinton](#) (6/24/05)[Cole](#) (6/30/05)[Cooper](#)[Crawford](#)[Dade](#)[Dallas](#)[Daviess](#)[DeKalb](#) (6/13/05)[Dent](#)

Douglas

[Dunklin](#)[Franklin](#) (6/22/05)[Gasconade](#)[Gentry](#) (6/24/05)[Greene](#)[Grundy](#)[Harrison](#)[Henry](#) (6/24/05)[Hickory](#)[Holt](#) (6/13/05)[Howard](#)[Howell](#)[Iron](#)[Jackson](#) (6/13/05)

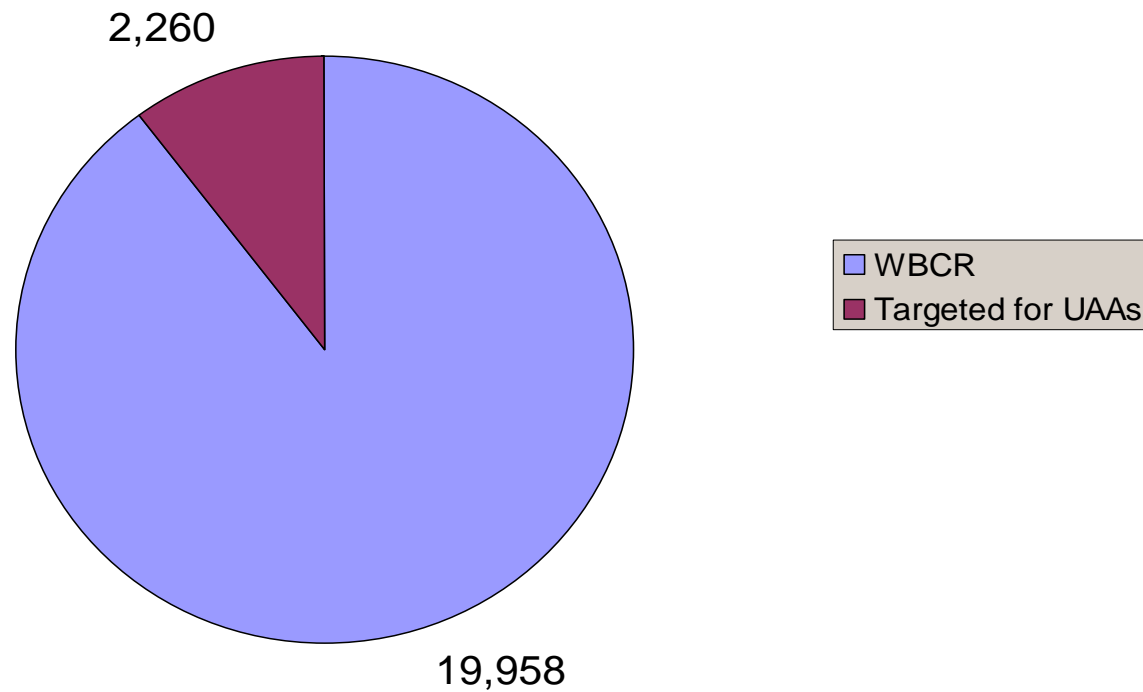
Johnson County Water Bodies

WBID	Water Body Name	T Y P E	Committee Recommendation
0933	Bear Cr.	PS	
1253	Bear Cr.	NPS	
1250	Big Cr.	PS	
...	
0930	Trib. to W. Fk. Post oak Cr.	NPS	
0929	W. Fk. Post oak Cr.	PS	
0918	Walnut Cr.	NPS	
0937	Walnut Cr.	PS	UAA PDF
0920	N. Fk. Blackwater R.	NPS	
0925	Trib. to S. Fk. Blackwater R.	NPS	

Lafayette County Water Bodies

WBID	Water Body Name	TYPE	Committee Recommendation
0907	Davis Cr.	PS	
0912	Davis Cr.	PS	UAA PDF Retain Use PDF
0402	E. Fk. S mi-A-Bar Cr.	PS	
3412	Fine Prairie Cr.	PS	
3413	Horseshoe Cr.	PS	UAA PDF
3690	L. Horseshoe Cr.	PS	

Possible Designations on Classified Streams After Rulemaking and UAAs



Questions?



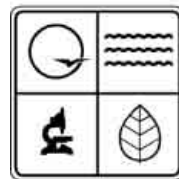
For Additional Information

For additional information on
Use Attainability Analysis

browse our Web site at

<http://www.dnr.mo.gov/wpscd/wpcp/wqstandards/uaa/index.html>

or call



Missouri
Department of
Natural Resources

1-800-361-4827